Use case name: Student finds a listing meeting a certain criteria and retrieves contact information.	ID:1257	Importance Level: High
Primary actor: Student	Use case type: Detail, Essential	

Stakeholders and interests:

Student – Wants to be able to search for specific housing listings.

University Housing – Wants to allow students to search for housing listings.

Brief description: A student wants to execute a search with specific search criteria. Once results are returned, the student locates their desired listing and retrieves the listing's contact information.

Trigger: The student executes a detailed search.

Relationships:

      Association: Student

      Include: housing search

      Extend:

      Generalization:

Normal flow of events:

1. Student navigates to housing website
2. Student enters "Student" login credentials
3. Student is logged in to housing website
4. Student enters a filtered search criteria
5. Student executes search against housing database
6. Student views returned results
7. Student retrieves housing contact information from a desired returned result

Subflows:

    No subflows are part of this use case.

Alternate/exceptional flows:

2a. In step 2 of the normal flow, if the student is unable to log in:

1. Student is notified that they've entered invalid credentials
2. Student enters valid credentials
3. Use case resumes on step 1

5a. In step 5 of the normal flow, if a student's filtered search does not return results

1. Student is notified that the search did not return any results.
2. Student modifies their search criteria
3. Student executes the search against the housing database again.
4. Use case resumes on step 4

```
User is a student
searching for
specific listings
```

●

Student enters
login credentials
for housing
system

Correct
login and
password? —No→ Invalid
login/password

Yes

Student
successfully logs
in to housing
service

Student enters
specific search
criteria to find an
apartment listing

Student executes
search

Is search
valid, and
returns
results? —No→ Invalid search or
no results
returned

Yes

Executed search
returns valid
results

Student
found
desired
listing? —No→ No desired
results found

Yes

Executed search
returns valid
results

Student retrieves
contact info for
listing

◉

Campus Housing Service

Delete Housing Listing

Search Listings Using Filter(s)

Obtain Listing Contact Info

Edit Owners Listing

Create Listing

Search Listings

Campus Housing Employee

Apartment Owner

Student